SILVER STAR

LONGTENG-VII
STAR LASER

USER MANUAL

Please read over this manual before operation the light CE

Installation

★Open the box:

When you receive the product, take it gently check if there is problem which cause in transportation, On the other hand , please pay attention to see if there is an adjunct enclosed:

1 User manual

1 XLR male plug, 1 XLR female plug

★Installation

1. Single flash install:

(1) Fix the lamp in a safe way and adjust the suitable angle.

(2) Put the plug in the socket.

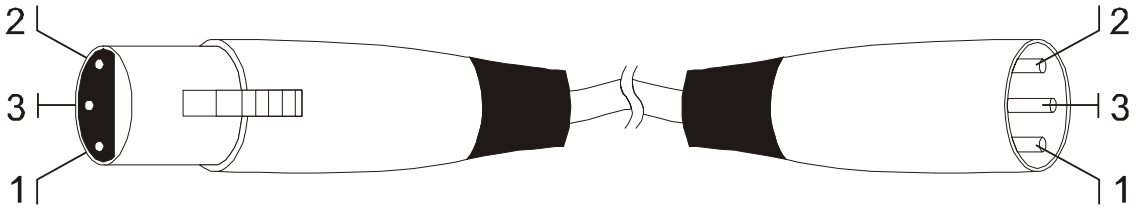
(3) Set the change over-switch to MASTER.

(4) Connect the power. Adjust it till the suitable rate of flashing and light.

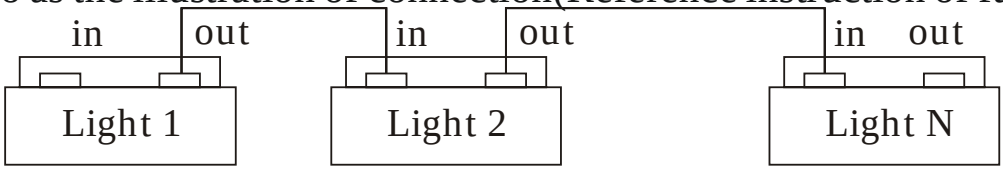
2. Synchronize flash install:

(1) The same as single flash install(1)(2)

(2) Connect line process: Connect the XLR plug (1-1,2-2,3-3) and use the 3 core shielding wire.



(3) Do as the illustration of connection(Reference instruction of function).



(4) Set the change over-switch of the first lamp as mother-machine to MASTER, the others set to SLAVE.

(5) Connect the power. August the mother-machine till the suitable.

3.Handing installation:

Select the fixed lamp hold on the ceiling or pothhook on the wall. Screw brackets to lamp hook . Through the safety-rope at safety-hole in one side of the bracket, make it round the lamp hook and then through it from the other side safety-hole bracket.

NOTE: The safety chain(cord) must hold at least 10 times the weight of the fixture. Never use the carrying handles for secondary attachment. Products should be install immobility.

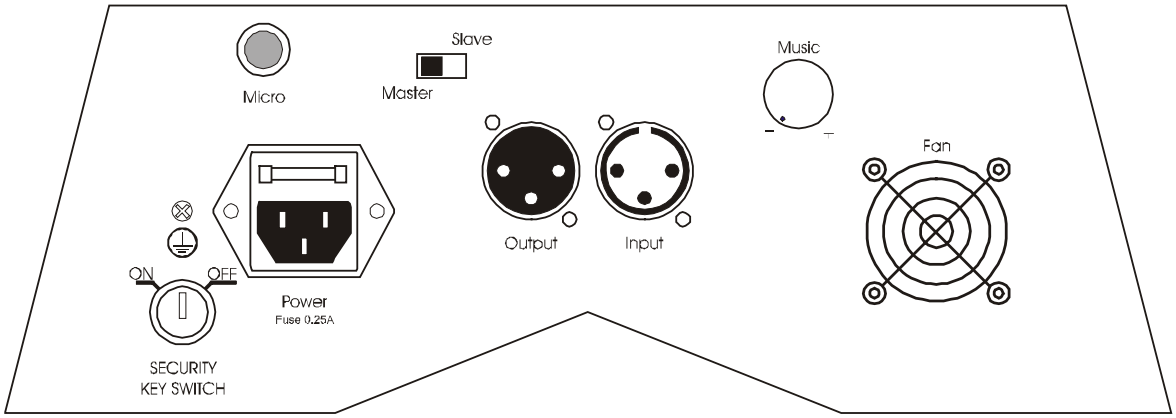
Attention

- Please do not open the bottom cover yourself without permission. Operate it accord the user manual. Please call the technician in case the machine broken down.
- Do not use it under the damp and rain.
- Pay attention to prevent the light from strong bump.
- Prevent the dust into the product
- Keep the vent-pipe well while working.
- Keep the plug insert well before put into power.
- **Don't look the light directly to prevent make some destroy with eyes.** Don't light or extinguish frequently, otherwise the life span of the light tube will be shortened.
- In view of the special characters, after operated the light an hour the product shall be paused about 15 minutes before be used next time.
- Don't touch the product and draw the power line if you hand wet.
- Keep the space between light equipments and the lighted things more than one meter.
- Devise not open before it is cool off.
- Apertures to the ventilation during devise is working not uncover.
- During devise is working unconditional avoid that the cable can to touch the case.
- Don't open the cover for there have no parts the user can repair.
- Don't operate the light without lamps.
- If the semiconductor laser doesn't as light as before or there have some destroy with lens or other parts, please contact the distributor in time.
- When you want to retransfer the products, you'd better use the original package to shockproof.
- Laser Class 3B product. Supervision obligatory! National regulations must be watched for installation adjust and use.
- This appliance is to use by qualified personnel only.
- Unintended reflections of the laser beam from glossily or metallic parts is dangerous.
- Not use the LASER exterior! Flight-security may be impaired.
- Appliance shall only be used with rated voltage and frequency.
- Use the appliance only in the described manner.
- If the appliance is not used, turn off and unplug.

- Do not use or stop the use if the appliance is damaged.
- Disconnect the appliance before cleaning and maintenance.
- The appliance should not be impeded by covering the ventilation openings.

Instruction & Function

★Operation board instruction:



- POWER: Power socket; fuse out-in.
- FAN: Cooling fan.
- ON/OFF SECURITY KEY SWITCH: security on/off key switch
- MUSIC: Sound operation sensitivity.
- INPUT: Synchronized-signal control input socket.
- OUTPUT: Synchronized-signal control output socket.
- MICRO: Sound receive.
- SLAVE MASTER: The MASTER is single or mother-machine in synchronization. The SLAVE is son-machine in synchronization.

★Function

- Sound operation change the comb laser beam, rotundity, starriness, time tunnel and laser war.
- Single or synchronization control are available.
- Use disconnected procedure to reflect out disconnection at the same time.

Specification

- Voltage: AC230V~50Hz
- Rated power: 13W
- Net weight: 4.2Kg
- Size: 34×30.5×16cm
- Light source: 532nm/30mW (Green)
- Fuse: F0.25A 250V

Maintain

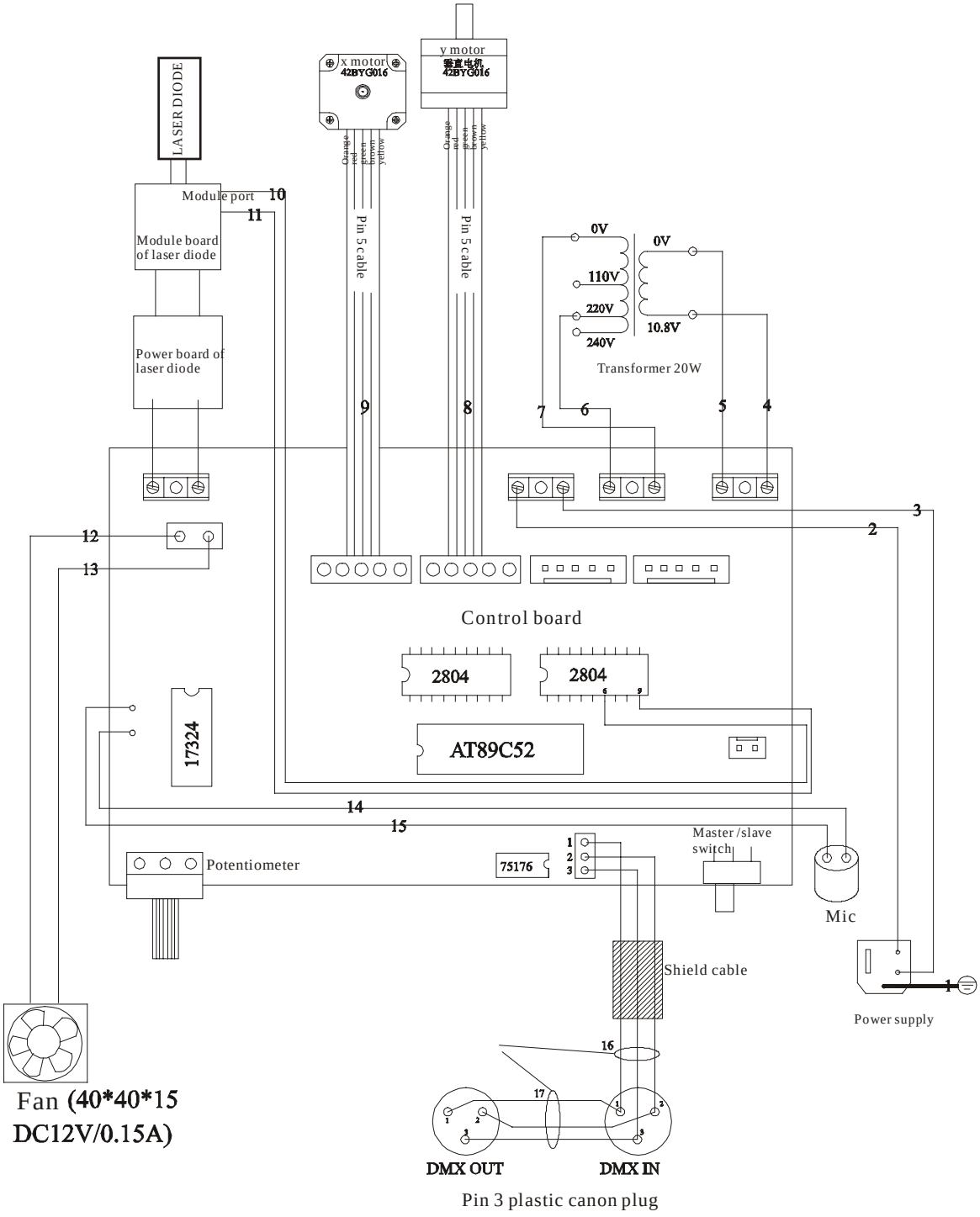
- Maintenance should be performed every 15-day period, by using a sponge which is dipped with alcohol, rather than wet cloth or other chemical liquid, to clean the mirror.
- Warning: Power must be disconnected before maintenance or repair. Do not look at the light source directly.

ATTENTION: DISCONNECT INPUT POWER BEFORE MAINTAIN.
DON'T LOOK STRAIGHTLY AT THE LIGHT SOURCES.
NOTE: Don't seperate laser machine from laser power and repaire them by yourself otherwise no good repair service will be supplied.

Announcement

- When we delivery the goods out of factory, it's function is good and package is well. All users must obey all noted attentions and operate rules. We won't serve free of charge repair if the destroy be caused by your own wrong operate. All the problems which be caused by not operate accord the user manual also not the duty of distributor.
- We won't inform again if there have any more changes of user manual.

ELECTRICAL DIAGRAM



SITUATION	REASON	FAULTY	PART No.
No power	Damaged fuse	Fuse	09-00-2001-00
	Damaged transformer	20w/10.8v	06-00b004-01
No music-active/ no maser /slave mode	Damaged potentiometer	1m potentiometer	26-2A-201-00
	Damaged MIC	Mic	16-04-0001-00
	Damaged master-slave mode switch	Switch	08-08-0001-00
	Damaged IC AT89C52	Ic at89c52	00-89C52-00
	Internal wires are disconnected	Carefully study the electrical circuit diagram to check for loose connections	
	Damaged IC 75176	Ic 75176	00-75176-00
No light output /light output low/ no blanking	Dirty lens	Carefully study the electrical Circuit diagram to check for Loose connections	12-03-0009-00
	Lens break off	Lens	07-01-0005-01
	damaged laser diode	Laser diode	26-2A-201-00
	damaged control PCB	Control pcb	00-89C52-00
	Damaged CPU of control PCB	Icat89c52	26-2A-201-00
No patterns	Damaged control board	Control pcb	
	Damaged CPU of control board	Ic78e58	00-89C52-00
	Damaged stepper motor	Step motor	15-00-0022-00